



*IFW*  
**MAIL STOP PCT**

Docket No. 293217US0PCT  
IN RE APPLICATION OF: Hans-Georg OEBBEIN et al.  
SERIAL NO: 10/586,135  
FILED: July 17, 2006  
FOR: PIPE ASSEMBLY REACTOR COMPRISING A HELICALLY SHAPED CROSS SECTION

COMMISSIONER FOR PATENTS  
ALEXANDRIA, VIRGINIA 22313

SIR:  
Transmitted herewith is an amendment in the above-identified application.

- ☒ No additional fee is required  
☐ Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.  
☒ Additional documents filed herewith: Second Preliminary Amendment

The Fee has been calculated as shown below:

CLAIMS	CLAIMS REMAINING		HIGHEST NUMBER PREVIOUSLY PAID	NO. EXTRA CLAIMS	RATE	CALCULATIONS
TOTAL	20	MINUS	20	0	x \$50 =	\$0.00
INDEPENDENT	2	MINUS	3	0	x \$200 =	\$0.00
APPLICATION SIZE		MINUS	100	0 (each addtl. 50 sheets)	x \$250 =	\$0.00
		<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+ \$360 =	\$0.00
		TOTAL OF ABOVE CALCULATIONS				\$0.00
		<input type="checkbox"/> Reduction by 50% for filing by Small Entity				\$0.00
		TOTAL				\$0.00

- ☐ A check in the amount of \$0.00 is attached.  
☐ Credit card payment form is attached to cover the fees in the amount of \$0.00  
☒ Please charge any additional Fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.  
☒ If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

OBLON, SPIVAK, McCLELLAND,  
MAIER & NEUSTADT, P.C.

*Corwin Paul Umbach*

Norman F. Oblon  
Registration No. 24,618  
**Corwin P. Umbach, Ph.D.**  
Registration No. 40,211

Surinder Sachar  
Registration No. 34,423

Customer Number  
**22850**

Tel. (703) 413-3000  
Fax. (703) 413-2220  
(OSMMN 05/03)



IN RE APPLICATION OF	:
HANS-GEORG GOEBBEL, ET AL.	: ATTN: APPLICATION DIVISION
SERIAL NO: 10/586,135	:
FILED: JULY 17, 2006	:
FOR: PIPE ASSEMBLY REACTOR COMPRISING A HELICALLY SHAPED CROSS SECTION	:

**Remarks begin on page 7 of this paper.**